

WEST Search History for Application 10553231

Creation Date: 2009030210:37

Query	DB	Op.	Plur.	Thes.	Date
(photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$))) and (CCD or (charge near3 read\$) or accumulat\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$)) and (packag\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$)) and (pad or electrode)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode)) and (thin\$ or (etch\$ near4 back\$))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$))) and (cut\$ or dic\$)	PGPB, USPT, USOC, EPAB, JPAB,	ADJ	YES		03-02-2009

	DWPI, TDBD				
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$))) and ((cut\$ or dic\$) same (thin\$ or etch\$))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$))) and ((cut\$ or dic\$) same (pad or electrode or wir\$))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$))) and ((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$))) and (back\$ near3 (illum\$ or photo\$ or optical))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and (back\$ near3 (illum\$ or photo\$ or optical))) and ((adher\$ or bond\$) same (pad or electrode))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009

((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$))) and (cutting or dicing)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and (cutting or dicing)) and ((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and (back\$ near3 (illum\$ or photo\$ or optical)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$))) and ((cutting or dicing) same thin\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and ((cutting or dicing) same thin\$)) and ((photo detect\$ or photodetect\$ or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009

optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and (cutting or dicing) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and (back\$ near3 (illum\$ or photo\$ or optical)))					
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and (cutting or dicing)) and (charge near4 accumulat\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$))) and ccd	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and ccd) and ((cutting or dicing) same thin\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
		ADJ	YES		03-02-2009

((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and ccd) and ((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and (cutting or dicing))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD				
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and ccd) and ((cutting or dicing) same thin\$).clm.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$))) and ((cutting or dicing) same thin\$).clm.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
"hiroya" near4 "kobayashi".inv.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
"hiroya" near2 "kobayashi".inv.	PGPB, USPT, USOC,	ADJ	YES		03-02-2009

	EPAB, JPAB, DWPI, TDBD				
("hiroya" near2 "kobayashi".inv.) and ((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and (back\$ near3 (illum\$ or photo\$ or optical)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
"hiroshi" near2 "akahori".inv.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
("hiroshi" near2 "akahori".inv.) and ((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and (back\$ near3 (illum\$ or photo\$ or optical)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
"masaharu" near2 "muramatsu".inv.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
("masaharu" near2 "muramatsu".inv.) and ((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009

accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)) and (back\$ near3 (illum\$ or photo\$ or optical)))					
("masaharu" near2 "muramatsu".inv.) and ((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (pad or electrode or wir\$)) and (photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode) and (thin\$ or (etch\$ near4 back\$)) and ((cut\$ or dic\$) same (thin\$ or etch\$)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009
("masaharu" near2 "muramatsu".inv.) and ((photo detect\$ or photodetect\$ or optical sensor or (back\$ near6 illum\$)) and (CCD or (charge near3 read\$) or accumulat\$) and (packag\$) and (pad or electrode))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-02-2009